



INTEGRATED CIRCUIT HEADER KIT



LEADERSHIP THRU RELIABILITY

TO FACILITATE THE DESIGN AND MANUFACTURE OF PROTOTYPE INTEGRATED CIRCUITS ON TO-5, AND TO-47 HEADERS, GLASS-TITE OFFERS THIS SELECTED GROUP OF STANDARD 8, 10, AND 12 LEAD HEADERS IN KIT FORM. THE TYPES ARE SELECTED TO HAVE ALL INSULATED OR 1 GROUNDED LEAD, STANDARD OR LOW PROFILE EYELET, AN OPTIONAL INTEGRAL STAND-OFF INSULATOR, AND ARE READILY AVAILABLE IN PRODUCTION LOTS. NUMEROUS VARIATIONS ARE AVAILABLE TO ORDER. PARTS WILL MEET THE FOLLOWING INDUSTRY STANDARD SPECIFICATIONS:

HIGH INSULATION RESISTANCE..... 1×10^{10} OHMS @ 90 VOLTS MINIMUM.

LEAD FATIGUE.....FIVE 90° BENDS WITH 1 LB. LOAD. PULL TEST...14 LBS.

HERMETIC SEAL TEST..... 1×10^{-8} MIN CM/SEC. @ PRESSURE DIFFERENTIAL 1 ATMOSPHERE.

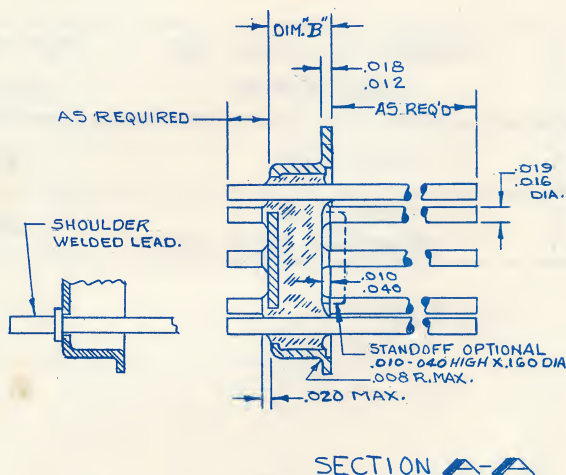
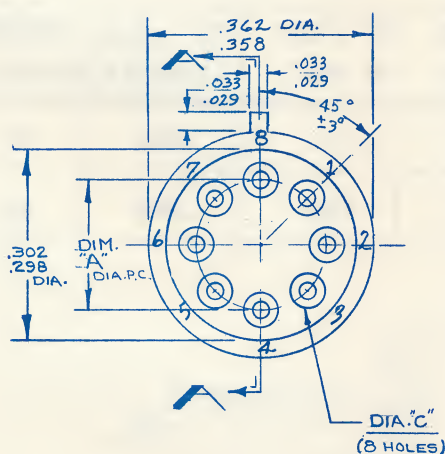
THERMAL SHOCK & TEMP. CYCLING..TO MIL-STD-750 SPECIFICATIONS.

CORROSION RESISTANCE.....SALT SPRAY, HUMIDITY AND BOILING WATER TESTS.

ETCH TEST.....CP-4, H_2O_2 , HNO_3 , HF AND ACETIC ACID COMBINATIONS.

DICE ATTACH.....100 MICROINCHES MIN. 24K HI-TEMP "DUAL" GOLD PLATING, TESTED FOR BONDABILITY ON HEAT COLUMN, USING 99.65% AU - .35% SB PREFORM.

8 LEAD TO-5



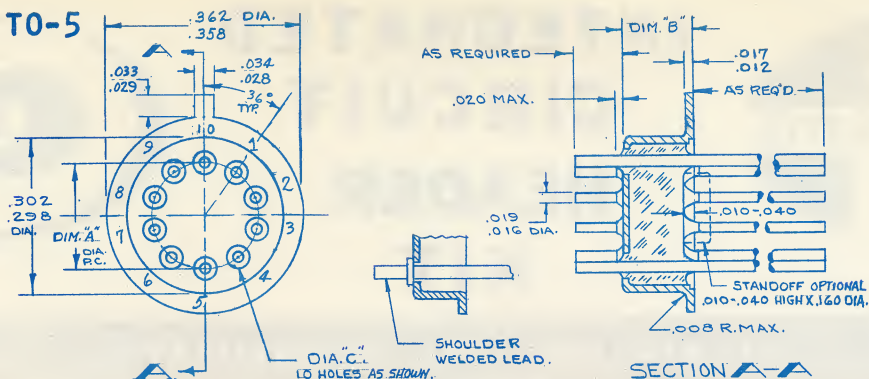
PART	NUMBER OF LEADS AND ARRANGEMENT	"A" PIN CIRCLE	"B" BODY HEIGHT	"C" HOLE DIAMETER	INTEGRAL STAND-OFF
HK30BY	7 INSULATED 1 SHOULDER WELD (#4)	.200	.100	.056	YES
HK30BU	8 INSULATED	.200	.100	.040	YES

GLASS-TITE MANUFACTURING

725 Branch Avenue, Providence 4, Rhode Island

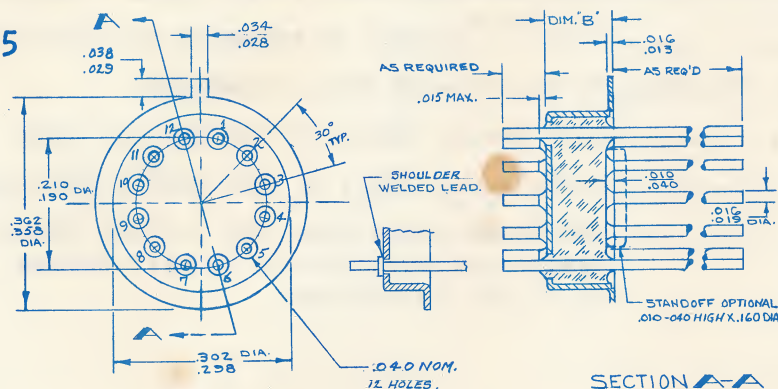
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10 LEAD TO-5



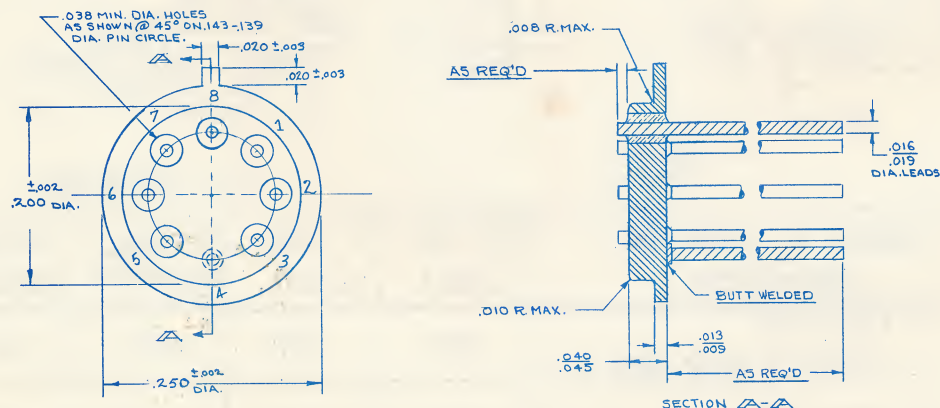
PART	NUMBER OF LEADS AND ARRANGEMENT	"A" PIN CIRCLE	"B" BODY HEIGHT	"C" HOLE DIAMETER	INTEGRAL STAND-OFF
HK30BX	10 INSULATED	.230	.075	.040	NO
HK30CN	9 INSULATED 1 SHOULDER WELD (#5)	.230	.100	.040	YES
HK30CP	10 INSULATED	.200	.100	.045	NO

12 LEAD TO-5



PART	NUMBER OF LEADS AND ARRANGEMENT	"A" PIN CIRCLE	"B" BODY HEIGHT	"C" HOLE DIAMETER	INTEGRAL STAND-OFF
HK30CQ	12 INSULATED	.200	.075	.040	NO
HK30CB	11 INSULATED 1 SHOULDER WELD (#12)	.200	.100	.040	NO

TO-47



PART	NUMBER OF LEADS AND ARRANGEMENT	"A" PIN CIRCLE	"B" BODY HEIGHT	"C" HOLE DIAMETER
HK20B	7 INSULATED 1 BUTT WELD (#4)	.141	.043	.042